**Life Science Plants! (Ch.12 Outline)**

***AS YOU READ, RESPOND TO THE FOLLOWING:***

*Vocabulary*: **Define in your own words:**

Nonvascular Plant-

Vascular Plant-

Gymnosperm-

Angiosperm-

Rhizoid-

Rhizome-

Pollen-

Pollination-

Xylem-

Phloem-

Sepal-

Petal-

Stamen-

Pistil-

Ovary-

*Respond to the following questions/prompts:*

List three nonvascular and three seedless vascular plants. (3 pts)

Why are seedless plants important to the environment? (1 pt)

What are four characteristics that all plants share? (4 pts)

Describe in detail EACH of the four main groups of plants. (4 pts)

Where do scientists believe the origins of plants came from? (1 pt)

Describe the plant life cycle. Explain each part of the life cycle. (4 pts)

Name three ways that seed plants differ from seedless plants. (3 pts)

How are angiosperms different from gymnosperms? Be specific. (2 pts)

What is the economic value of gymnosperms and angiosperms? (2 pts)

What are three functions of roots in seed plants? (3 pts)

List three functions of stems in seed plants. (3 pts)

***ABOUT THE READING:***

Write three things that you learned about Plants*:*

***Make sure to write a full sentence.***

*Example: I learned that plants make a sugar through photosynthesis and get energy from the sugar that they make.*

*1.*

*2.*

*3.*